

Application No: 10/782,827  
PROPOSED AMENDMENT FOR REVIEW ONLY

**IN THE CLAIMS:**

*Please find below a listing of all of the pending claims. The statuses of the claims are set forth in parentheses.*

1. (Currently Amended) A method of treating vitiligo or grey hair disorders ~~marked by a loss of pigmentation~~, comprising the steps of:
  - a) administering an effective amount of vitamin B12 to a patient suffering from vitiligo or grey hair ~~a loss of pigmentation~~;
  - b) administering an effective amount of copper to said patient;
  - c) administering an effective amount of folic acid to said patient; and
  - d) administering an effective amount of vitamin C to said patient.
2. (Original) The method of claim 1, further comprising the step of:
  - e) administering an effective amount of pantothenic acid and an effective amount of a hydrochloride salt to said patient.
3. (Original) The method of claim 1, further comprising the step of:
  - e) administering an effective amount of zinc and an effective amount of a hydrochloride salt to said patient.
4. (Original) The method of claim 1, further comprising the step of:
  - e) administering an effective amount of pantothenic acid, zinc, or a combination thereof to said patient.

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5. (Original) The method of claim 1, wherein said vitamin B12, copper, folic acid, and vitamin C are compounded into a single tablet.
6. (Original) The method of claim 1, wherein said copper, folic acid, and vitamin C are compounded into a single tablet; and said vitamin B12 is administered sublingually.
7. (Original) The method of claim 1, wherein said copper, folic acid, and vitamin C are compounded into a single tablet; and said vitamin B12 is administered subcutaneously.
8. (Original) The method of claim 1, wherein said vitamin B12, copper, folic acid, and vitamin C are administered separately.
9. (Original) The method of claim 4, wherein said vitamin B12, copper, folic acid, vitamin C, pantothenic acid and zinc are compounded into a single tablet.
10. (Original) The method of claim 4, wherein said copper, folic acid, vitamin C, pantothenic acid and zinc are compounded into a single tablet; and said vitamin B12 is administered sublingually.
11. (Original) The method of claim 4, wherein said copper, folic acid, vitamin C, pantothenic acid and zinc are compounded into a single tablet; and said vitamin B12 is administered subcutaneously.
12. (Original) The method of claim 1, wherein aid vitamin B12, copper, folic acid, and vitamin C are compounded into a topically applied formulation.

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13. (Original) The method of claim 12, wherein said topically applied formulation is selected from the group consisting of skin cream, skin lotion, soap, facial cleanser, shampoo, conditioner, and body spray.
14. (Original) The method of claim 4, wherein said vitamin B12, copper, folic acid, vitamin C, pantothenic acid and zinc are compounded into a topically applied formulation.
15. (Original) The method of claim 14, wherein said topically applied formulation is selected from the group consisting of skin cream, skin lotion, soap, facial cleanser, shampoo, conditioner, and body spray.
16. (Original) The method of claim 1, further comprising the step of administering an effective amount of hydrochloric acid to said patient.
17. (Original) The method of claim 4, further comprising the step of administering an effective amount of hydrochloric acid to said patient.
18. (Original) The method of claim 1, wherein said disorders marked by a loss of pigmentation are selected from the group consisting of vitiligo and gray hair.
19. (Currently Amended) A method of treating vitiligo or grey hair disorders ~~marked by a loss of pigmentation~~ in a female patient, comprising the steps of:
- a) on days when said female patient is not undergoing menses, administering an effective daily amount of vitamin B12, an effective daily amount of copper, an effective daily amount of folic acid, and an effective daily amount of vitamin C to said female patient; and
  - b) on days when said female patient is undergoing menses, administering an effective daily amount of vitamin B12, an effective daily amount of folic acid, and an effective daily amount of vitamin C to said female patient.

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20. (Currently Amended) The method of claim ~~19~~ 18, further comprising the step of:
- c) administering an effective daily amount of both pantothenic acid and zinc to said female patient on both days when said female patient is undergoing menses and days when said female patient is not undergoing menses.
21. (Currently Amended) A method of stimulating the proliferation of melanocyte cells ~~treating disorders marked by a loss of pigmentation~~ in a patient, comprising the steps of:
- a) administering an effective daily amount of vitamin B12, an effective daily amount of copper, an effective daily amount of folic acid, and an effective daily amount of vitamin C to said patient; and
  - b) exposing depigmented skin or hair of said patient to the sun or to ultraviolet light.
22. (Original) The method of claim 21, further comprising the step of:
- e) administering an effective amount of pantothenic acid, zinc, a hydrochloride salt, or a mixture thereof to said patient.
23. (New) A method of stimulating the proliferation of melanocyte cells, comprising the steps of:
- a) administering an effective amount of vitamin B12 to a patient in need of melanocyte stimulation;
  - b) administering an effective amount of copper to said patient;
  - c) administering an effective amount of folic acid to said patient; and
  - d) administering an effective amount of vitamin C to said patient.
24. (New) The method of claim 23, further comprising the step of:
- e) administering an effective amount of pantothenic acid, zinc, a hydrochloride salt, or a mixture thereof to said patient.

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25. (New) The method of claim 23, further comprising the step of:
- e) exposing skin or hair of said patient to the sun or to ultraviolet light.